## Tascam US4X4HR

# Tascam US-4x4HR USB Audio Interface User Manual

Model: US-4x4HR

**Introduction**   **Setup**   **Operation**   **Maintenance**   **Troubleshooting**   **Specifications**   **Support**

## 1. INTRODUCTION

The Tascam US-4x4HR is a high-resolution 4-in/4-out USB audio and MIDI interface designed for musicians and producers. It facilitates multi-track recording, streaming, podcasting, and songwriting with professional audio quality. The device supports audio formats up to 24-bit/192kHz and features Ultra-HDDA microphone preamps for clear sound capture.



Image: The Tascam US-4x4HR in a studio environment, showcasing its use for music production.

## 2. SETUP

### 2.1 System Requirements

The US-4x4HR is compatible with Windows, macOS, iOS, and iPadOS operating systems. Ensure your system meets the minimum requirements for stable operation.

## 2.2 Driver Installation

Before connecting the interface, download and install the latest drivers from the official Tascam website. For Windows users, the Tascam native driver provides low-latency performance. Follow the on-screen instructions for installation and restart your computer if prompted.
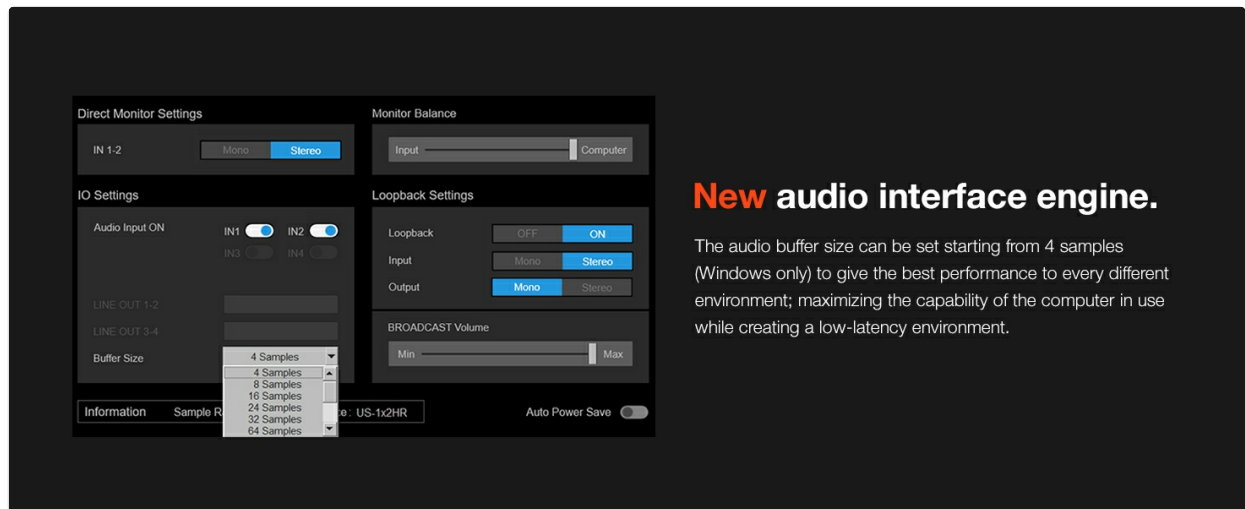


Image: Tascam driver settings interface, illustrating buffer size selection for optimized performance.

## 2.3 Hardware Connection

1. Connect the US-4x4HR to your computer using the supplied USB-C cable.

2. Connect the included AC adapter to the **DC IN 12V** port on the rear panel and plug it into a power outlet. The AC adapter is required for stable operation, especially when using +48V phantom power.

3. Connect your microphones, instruments, or studio monitors to the appropriate input/output jacks.
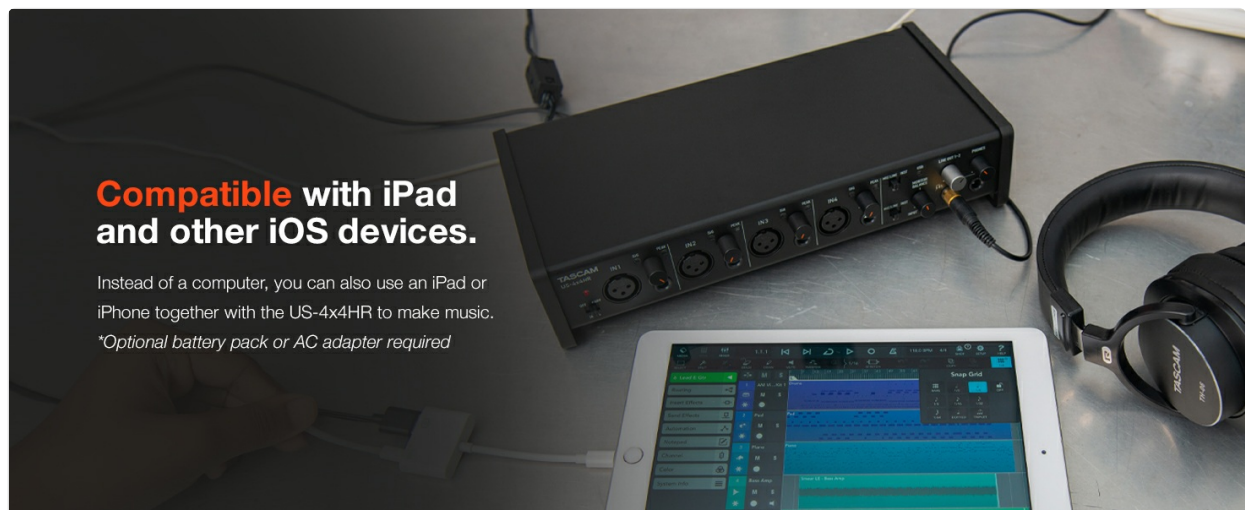


Image: The US-4x4HR connected to an iPad, demonstrating its compatibility with iOS devices.

## 2.4 Software Installation

The US-4x4HR includes a professional software bundle to enhance your recording and production workflow. Install the following applications as needed:

- *Cubase LE*: For recording and mixing.
- *SampleTank 4 SE*: A sound library with over 2,000 instruments.
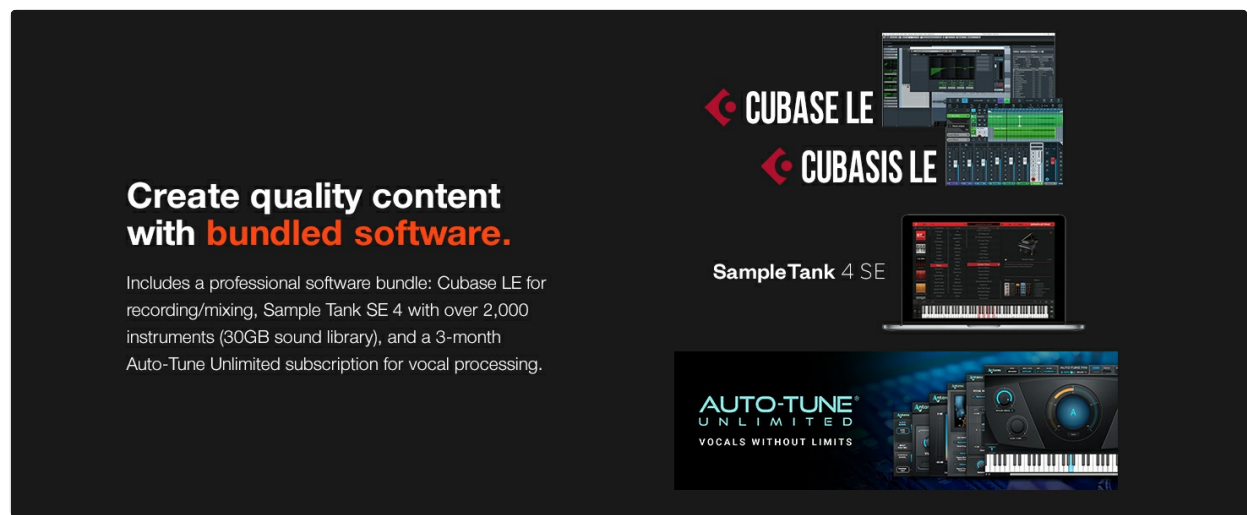- *Auto-Tune Unlimited*: A 3-month subscription for vocal processing.

Image: Overview of the bundled software included with the Tascam US-4x4HR.

# 3. OPERATION

## 3.1 Front Panel Controls



Image: Detailed front view of the US-4x4HR, highlighting all accessible controls and inputs.

- **Inputs (IN1-IN4)**: These are XLR/TRS combo jacks. Connect microphones via XLR or line-level instruments via 1/4" TRS cables. Inputs 1 and 2 also support direct guitar input.

- **Gain Knobs**: Adjust the input level for each channel. Turn clockwise to increase gain.

- **SIG/PEAK Indicators**: The green LED indicates a signal is present. The red LED indicates the signal is clipping; reduce the gain to prevent distortion.

- **+48V Phantom Power Switch**: Activates +48V phantom power for condenser microphones. This switch applies phantom power to all four inputs simultaneously. Ensure the AC adapter is connected for proper phantom power operation.

- **Monitor Balance Knob**: Adjusts the blend between the direct input signal and the audio playback from your computer.

- **Line Out 1-2**: Main stereo outputs for connecting to studio monitors or other playback systems.

- **Phones 1 & 2**: Two independent headphone outputs with dedicated volume controls for monitoring.

## 3.2 Rear Panel Connections



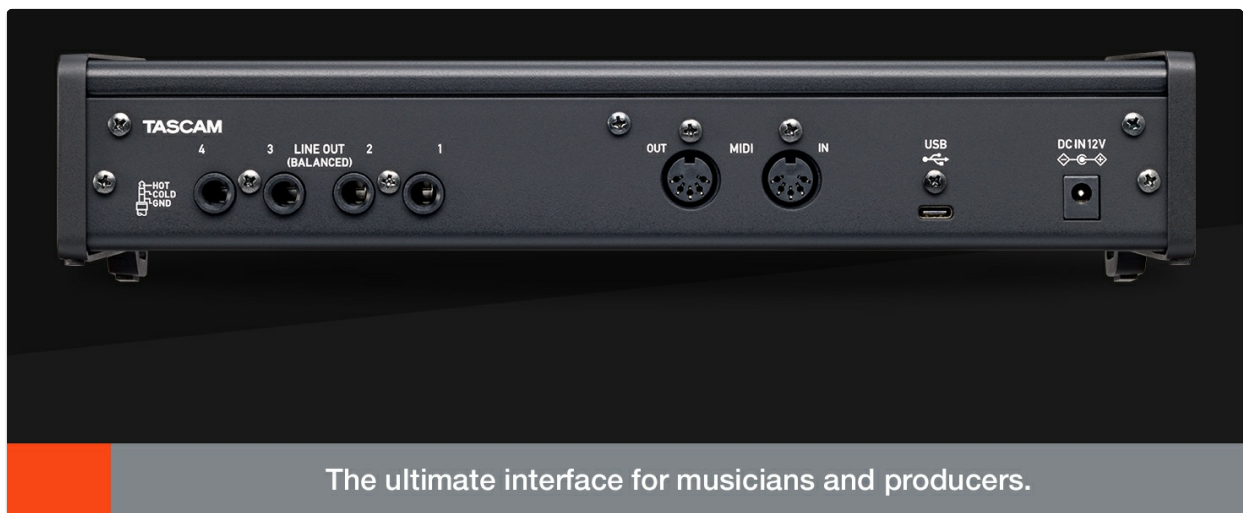The ultimate interface for musicians and producers.

Image: Detailed rear view of the US-4x4HR, highlighting all connection ports.

- **TRS Line Outputs (1-4)**: Balanced outputs for connecting to external mixers, amplifiers, or other audio equipment.

- **MIDI IN/OUT**: Connect MIDI keyboards, drum machines, controllers, and other MIDI-compatible devices for synchronization and control.

- **USB Type-C Port**: Connects the interface to your computer or compatible mobile device.

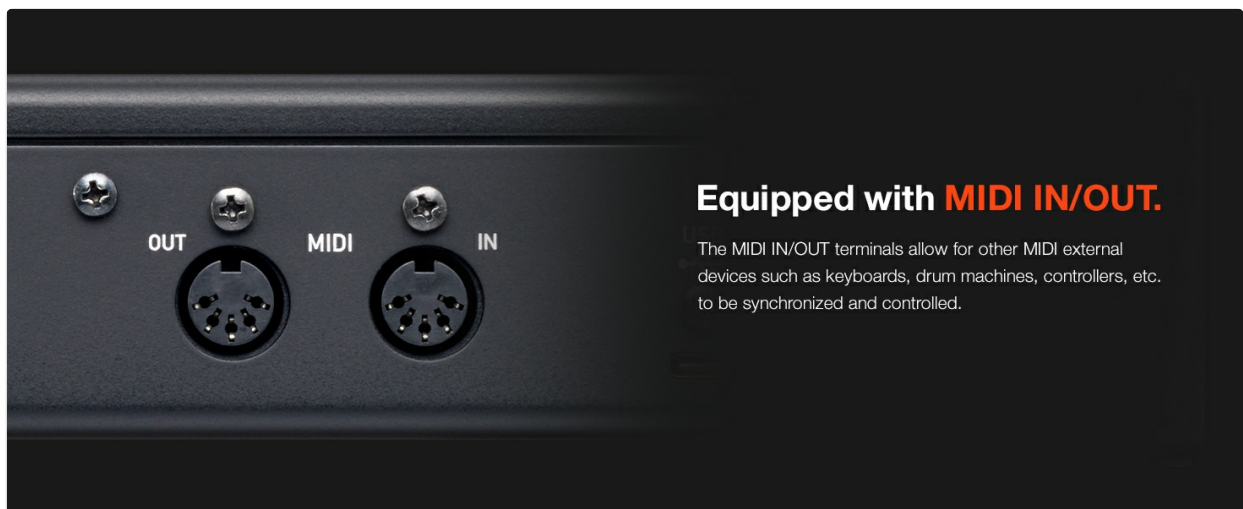- **DC IN 12V**: Power input for the included AC adapter.



### Equipped with MIDI IN/OUT.

The MIDI IN/OUT terminals allow for other MIDI external devices such as keyboards, drum machines, controllers, etc. to be synchronized and controlled.

Image: Close-up of the MIDI IN/OUT ports, illustrating connectivity for external MIDI devices.

## 3.3 Direct Monitoring Function

The US-4x4HR features a zero-latency direct monitoring function. This allows you to hear your input signal directly from the interface before it reaches the computer, eliminating delay during recording and performance. Use the **Monitor Balance** knob to adjust the mix between your live input and computer playback.
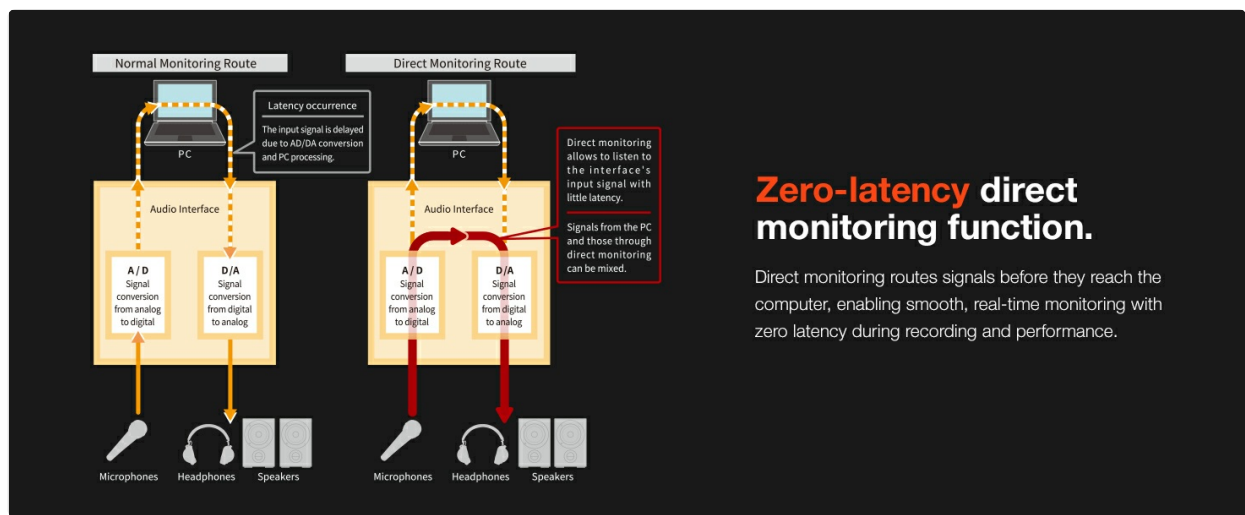
Image: Diagram explaining the concept of zero-latency direct monitoring versus normal monitoring.

## 3.4 Loopback Function

The integrated loopback function allows you to mix all four inputs with a stereo signal from your computer. This feature is particularly useful for creating podcasts and live streams, enabling you to combine microphone audio with computer playback for broadcast. The US-4x4HR also supports integration with Open Broadcaster Software (OBS Studio).
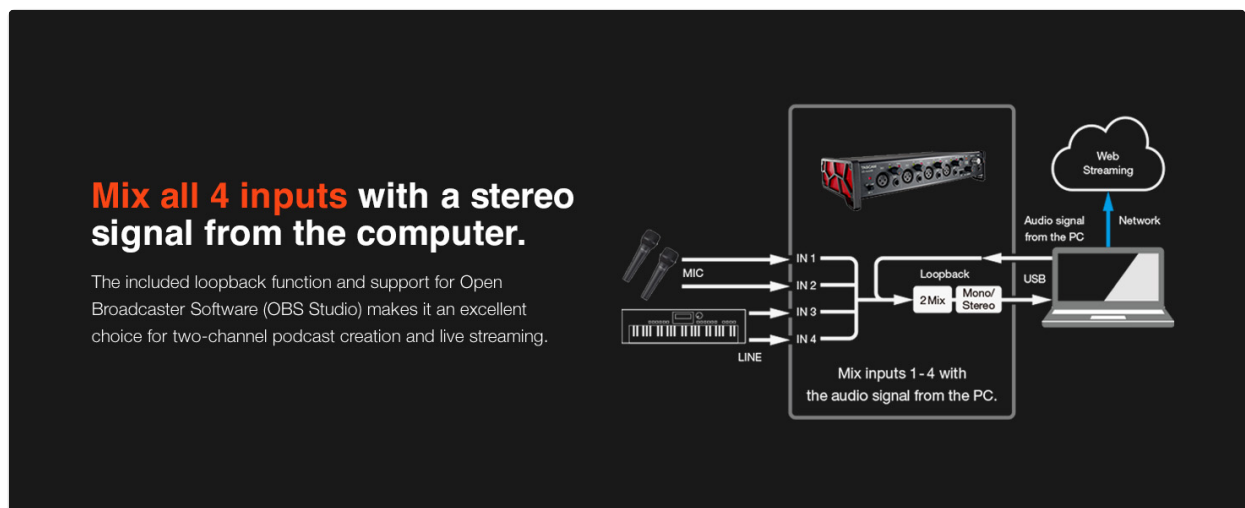


Image: Diagram demonstrating the loopback function for combining multiple audio sources for streaming.



Image: A user engaged in podcasting or live streaming with the US-4x4HR interface.

# 4. MAINTENANCE

## 4.1 Cleaning

To clean the US-4x4HR, use a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal components.

## 4.2 Storage

Store the unit in a cool, dry place away from direct sunlight, extreme temperatures, and excessive humidity. When not in use for extended periods, disconnect all cables and store the unit in its original packaging or a protective case.

## 4.3 Durability

The US-4x4HR features a robust metal casing and aluminum side panels, providing durability and stability. Its balanced weight helps keep it stable when cables are connected or disconnected.
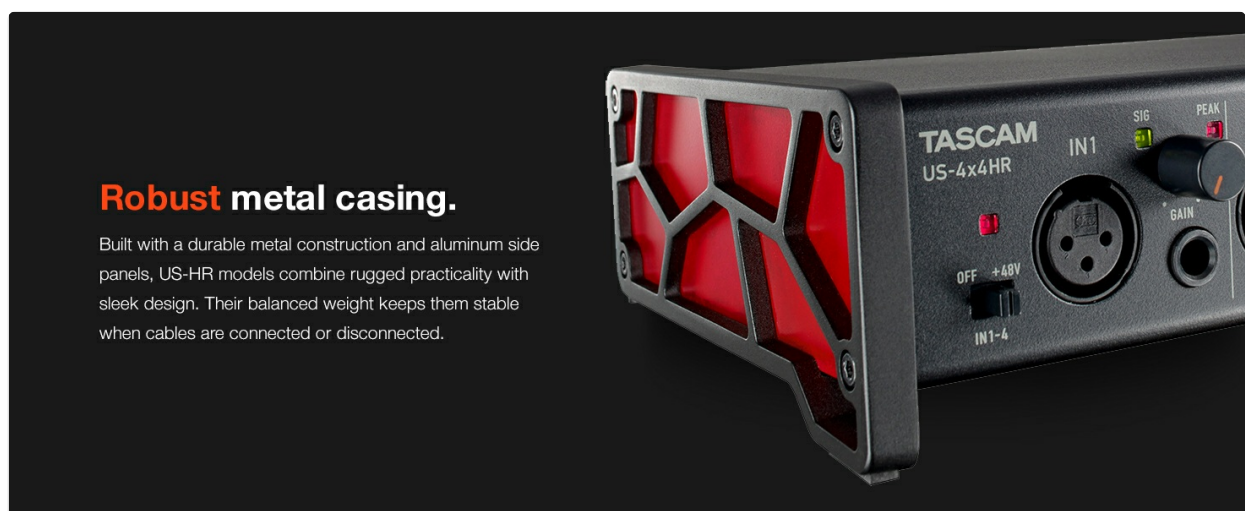


Image: Close-up view of the US-4x4HR's durable metal construction and side panel.

# 5. TROUBLESHOOTING

If you encounter issues with your Tascam US-4x4HR, consider the following common solutions:

- **No Audio Output**: Check all cable connections, ensure volume knobs (gain, monitor, headphone) are turned up, and verify that the US-4x4HR is selected as the audio input/output device in your computer's sound settings and your Digital Audio Workstation (DAW).

- **Distorted Audio**: Reduce the input gain on the US-4x4HR to prevent clipping (red PEAK LED). Check your DAW's sample rate and buffer size settings; a higher buffer size can reduce distortion but increase latency.

- **Phantom Power Not Working**: Ensure the AC adapter is securely connected to the US-4x4HR. Phantom power requires external power and will not function reliably with bus power alone.

- **Interface Not Recognized by Computer**: Reinstall the latest drivers from the Tascam website. Try

connecting the USB cable to a different port on your computer. Restart your computer after driver installation.

- **MIDI Issues**: Verify MIDI cable connections and ensure the US-4x4HR is selected as a MIDI device in your software.

For more detailed troubleshooting, refer to the comprehensive support resources available on the official Tascam website.

# 6. SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Model Number | US4X4HR |
| Item Weight | 1 pound |
| Product Dimensions | 13 x 5 x 3 inches |
| Hardware Interface | USB |
| Connectivity Technology | USB |
| Number of Channels | 4 (4-in/4-out) |
| Mixer Channel Quantity | 4 |
| Audio Resolution | Up to 24-bit/192kHz |
| Supported Software | Windows, Mac, iOS, iPadOS |
| Compatible Devices | Desktop-PC, Notebook, Tablet |
| Color Name | Black |

# 7. SUPPORT

## 7.1 Official Tascam Support

For the latest drivers, firmware updates, additional manuals, and frequently asked questions, please visit the official Tascam support website:

**Tascam Support Website**

## 7.2 Warranty Information

Warranty terms and conditions may vary by region and retailer. Please refer to the warranty card included with your product or consult your purchase documentation for specific details regarding your Tascam US-4x4HR.
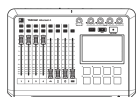
# Related Documents - US4X4HR

| | |
|---|---|
| | [TASCAM US-122MKII USB 2.0 Audio/MIDI Interface Owner's Manual](#)<br><br>This is the owner's manual for the TASCAM US-122MKII USB 2.0 Audio/MIDI Interface. It provides detailed information on installation, connections, operation, application guides, troubleshooting, and specifications for the device. |
| | [TASCAM US-200 USB Audio/MIDI Interface: Owner's Manual & Guide](#)<br><br>Comprehensive guide to the TASCAM US-200 USB 2.0 Audio/MIDI Interface, covering features, installation, connections, application setup, and troubleshooting for musicians and producers. |
| | [TASCAM US-4x4HR Firmware and Software Update Guide](#)<br><br>This document provides version information and update instructions for the TASCAM US-4x4HR audio interface, covering software and firmware updates up to version 1.10. |
| | [TASCAM US-144MKII USB 2.0 Audio/MIDI Interface Owner's Manual](#)<br><br>The official owner's manual for the TASCAM US-144MKII USB 2.0 Audio/MIDI Interface, detailing its features, installation, connections, operation, and specifications for digital audio and MIDI production. |
| | [TASCAM Model 2400 Multitrack Recording Console Owner's Manual](#)<br><br>Comprehensive owner's manual for the TASCAM Model 2400 Multitrack Recording Console, detailing features, setup, operation, and specifications for professional and home studio use. |

[TASCAM Mixcast 4 Podcast Recording Console Reference Manual](#)

The TASCAM Mixcast 4 is a podcast recording console designed for up to four participants, featuring multitrack recording directly to SD cards (up to 14 tracks), 14-in/2-out USB audio interface functions, and four independent headphone outputs. It includes an Auto Mixer, Bluetooth connectivity for call audio, eight illuminated sound pads with eight banks, and a 5-inch color touchscreen for intuitive operation. The console comes with the free TASCAM Podcast Editor app for comprehensive use.